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# SS-30

## Product Description

SS-30 is a fast curing silicone RTV adhesive rubber developed for automotive gasketing applications requiring fast development of physical properties and fast unprimed adhesion. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures. SS-30 is also designed for superior oil resistance.

## Product Features

- Excellent unprimed adhesion to plastic, metal and glass
- Thixotropic paste
- Fast onset of adhesion
- Fast RT cure
- Exceptional oil resistance
- Good hydrolytic stability
- Able to bond through oil

## Typical Applications

- Aftermarket adhesive sealant
- Automotive form in place gaskets
- Pressure can dispensing RTV
- Oil contaminated gasket flanges

## Chemical Cure System

Oxime



# High Performance Automotive Silicone RTV Gasket Maker

## Typical Properties

Color	Black, Blue, Red, Gray, Copper
Viscosity, cps	400,000
Specific Gravity	1.28
Consistency	Thixotropic Paste
Working Time @ RT	8 Minutes
Tack Free Time @ RT	14 Minutes
Application Rate, 90 PSI	1000 g/min
Cure Time	72 Hours @ RT
Durometer	38 Shore A
Tensile Strength	275 PSI
Elongation	350%
Peel Strength	20 PPI

<b>Oil Resistance – 5W30 for 14 Days @ 150°C</b>	
Durometer	33 (12.1%)
Tensile	215 (22.0%)
Elongation	428 (22.5%)

## **Curing**

Cure speed can be accelerated with increased humidity and heat to very rapid cure times. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured rubber is formed.

## **Solids**

98% solids

## **Adhesion**

Excellent unprimed adhesion to plastic, metal and glass

## **Service Temperature**

-45 to 260°C

## **Limitations**

Do not use product on head gaskets or fuel immersion applications. Allow to fully cure before putting assembly into service. Ensure enough product remains between flanges to be effective in an assembly.

## **Handling and Safety**

For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to the SDS.

## **Shelf Life**

Sealed containers are guaranteed for 12 months from the ship date when stored in a cool dry area below 70°F.

## **Applicable standards and OEM part number Interchange**

- **Chrysler – 4206070, 4318025**
- **Ford – D6AZ-19562-B, E8AZ-19562-A, WSE-M46320-A2**
- **GM – 9985675, 1052751, 1052917, 12345739**

## **Limited Warranty**

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as warranty, either expressed or applied. User shall rely on his/her own information and tests to determine suitability of the product for the intended use, and the user assumes all risk and liability resulting from the use of this product. Manufacturer's sole responsibility shall be to replace that portion of product that the manufacturer proves to be defective. Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer.

This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.

\*\*\*\*\*Customized versions available upon request\*\*\*\*\*